

AMENDMENTS TO THE SPECIFICATION

Replace Paragraph 0029 (Page 8) with the following amended paragraph:

[0029] Referring now to FIG. 1B, Device 130 may be initially manufactured by a Manufacturing Division 112 of Vendor 110. At the time of manufacturing, a Configuration System 112A creates and stores a Generic Configuration 112B in Device 130. The stored Generic Configuration 112B may be known as an Installed Configuration ~~432~~ 135. The Installed Configuration ~~432~~ 135 may include commands for establishing basic connectivity to network 105 or to Service Provider 120. In the approaches herein, the Generic Configuration 112B may comprise a template that is processed, as further described below, to result in creating the Installed Configuration ~~432~~ 135.

Replace Paragraph 0031 (Pages 8-9) with the following amended paragraph:

[0031] Configuration System 112A is a mechanism, provided by the Manufacturing Division 112, for the Service Provider 120 to communicate the configuration that the Service Provider 120 wants the Vendor 110 to use as the Installed Configuration ~~432~~ 135 for a particular order or Device 130. According to one embodiment, Configuration System 112A is Configuration Express as provided by Cisco Systems, Inc., San Jose, California. Service Provider 120 communicates the Generic Configuration 112B to the Vendor 110 through Configuration System 112A. According to one embodiment, the Generic Configuration 112B is a bootstrap configuration that is loaded as the Installed Configuration ~~432~~ 135 of Device 130 when manufacturing of Device 130 is complete.

Replace Paragraph 0035 (Pages 9-10) with the following amended paragraph:

[0035] According to one embodiment, Configuration Template 124 is a partially complete configuration that the Service Provider 120 specifically wants installed as the Installed

Configuration ~~432~~ 135 for Device 130 for Subscriber 140. For example, the Configuration Template 124 may contain commands that are associated with user interface prompts and related user interface information specific to Service Provider 120 or specific to an operating environment or business environment of Subscriber 140. The Configuration Template 124 contains one or more commands with user interface elements or elements. Values received from the user are substituted into the template to result in creating a final device configuration.

Replace Paragraph 0037 (Page 10) with the following amended paragraph:

[0037] According to one embodiment, Configuration Template 124 contains one or more configuration commands that are associated with tags. The tags specify a data variable name, a user interface prompt string, and a data type. Using mechanisms described further below, the Device Manager 132 processes Configuration Template 124 by generating one or more user interface pages that include the user interface prompt strings. Configuration parameter values that match the data type are temporarily stored in the data variables. A final configuration for the Device 130 is created by substituting the received configuration parameter values into the Configuration Template 124. The final configuration is stored in Device 130 and is applied to the device as the Installed Configuration ~~432~~ 135.

Replace Paragraph 0038(Page 11) with the following amended paragraph:

[0038] According to one embodiment, Device 130 then contacts Configuration Server 122 and receives further configuration information, if necessary or appropriate. According to one embodiment, the Configuration Server ~~442~~ 122 is the Cisco CNS 2100 Series Intelligence Engine, from Cisco Systems, Inc.

Replace Paragraph 0042(Page 12) with the following amended paragraph:

[0042] In one specific approach, a configuration template file is stored in flash memory of a router. A device management tool reads the configuration template and parses it to identify user interface strings. The parsed strings are used to generate the user interface. The parsed strings identify configuration parameter values that ~~the~~ are user is required to enter as part of initially placing the device in service. Once the user enters values for the configuration parameters, the device management tool substitutes the user-entered values into the configuration template and generates the complete configuration.

Replace Paragraph 0045(Page 13) with the following amended paragraph:

[0045] Further, the custom configuration based template file may be placed outside the build package of the device management tool, and loaded directly into the non-volatile memory of the device. This helps the service provider to deploy the new configuration easily, without support from the vendor that created the management tool. For example, the service provider can place the template on one of its servers, and request its customers to download the template to the non-volatile memory of the device. Thus, the service provider avoids having to provide personalized service, or a “truck roll,” to accomplish a configuration change.

Replace Paragraph 0060(Page 18) with the following amended paragraph:

[0060] Referring now to FIG. 4, in one approach, Service Provider 120 creates the generic template ~~422~~ 124, as indicated by numeral 1. In block 304, the generic configuration template is stored in one or more network devices. The generic configuration template may be stored by Vendor 110 in devices that the vendor makes for the Service Provider 120 and later “drop ships” directly to customer premises. Alternatively, Vendor 110 may ship devices having a

default configuration to a warehouse or other facility of the Service Provider, and the Service Provider may install the generic configuration template in such devices as part of readying the devices for shipment. The generic configuration template 136 is shown in Device 130 in FIG. 4.